

Notice No.2

Rules and Regulations for the Construction and Classification of Submersibles and Diving Systems, July 2019

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Please note that corrigenda amends to paragraphs, Tables and Figures are not shown in their entirety.

Issue date: June 2020

Amendments to	Effective date	IACS/IMO implementation (if applicable)
Part 3, Chapter 2, Sections 1 & 5	1 July 2020	N/A

Part 3, Chapter 2

Acrylic Windows

■ **Section 1**

General

1.2 Documentation and markings

1.2.1 The documentation required by *Pt 3, Ch 2, 1.2 Documentation and markings 1.2.2* to *Pt 3, Ch 2, 1.2 Documentation and markings 4.2.5-1.2.6* is to be supplied by the manufacturer.

1.2.2 A material test certificate from the Supplier for each batch of acrylic plastic giving the minimum values of the physical properties in as cast or and annealed condition indicated in ASME PVHO-1. The material acceptance tests are to be documented by a certificate that includes the information required by Form VP-4 in Section 2 of ASME PVHO-1.

1.2.3 A certificate of fabrication for each window indicating all forming, machining, polishing, heat treatment and inspection methods used by the manufacturer. The certificate is to provide traceability of the window through all stages of manufacture and fabrication and is to include the information required by Form VP-1 in Section 2 of ASME PVHO-1.

1.2.4 A certificate of pressure testing indicating test pressure, test temperature, rate of pressurization and duration of pressure test. The certificate is to include the information required by Form VP-5 in Section 2 of ASME PVHO-1.

1.2.6 Design certification is to be provided for each window assembly design. This document is to certify that the design complies with ASME PVHO-1. The certificate is to include the information required by Form VP-2 in Section 2 of ASME PVHO-1.

1.3 Limiting conditions

1.3.2 The design life of the windows shall not exceed 20 years for windows that are exposed only to compressive stresses and shall not exceed 10 years for all windows subject to tensile stresses.

Existing paragraph 1.3.2 is to be renumbered 1.3.3.

■ **Section 5**

Manufacture of windows

5.3 Certification

5.3.1 Windows are to be procured under survey in agreement with LR. The stages of inspection and witness of testing of materials and pressure testing shall be agreed with LR.

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